p1106: Solve by factoring (v4)

1. Solve the equation
$$x^2 - 10x + 21 = 0$$

2. Solve the equation
$$x^2 - 10x + 16 = 0$$

3. Solve the equation
$$9x^2 - 9x + 30 = 8x^2 + x + 5$$

4. Solve the equation
$$6x^2 + 7x + 34 = 5x^2 - 5x + 2$$

5. Solve the equation
$$6x^2 - 3x - 44 = 5x^2 - x + 4$$

6. Solve the equation
$$11x^2 + 74x - 21 = 0$$

7. Solve the equation
$$7x^2 + 39x + 20 = 0$$

8. Solve the equation
$$4x^2 - 19x - 40 \ = \ x^2 - 3x - 5$$

9. Solve the equation
$$6x^2 - 42x - 41 \ = \ x^2 - 6x - 9$$

10. Solve the equation
$$4x^2 - 79 \ = \ 2x^2 - 9x + 2$$